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PATENT

Attorney Docket No. BSC-011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Crowley  
SERIAL NO.: 08/922,263 GROUP NO.: 3739  
FILED: September 2, 1997 EXAMINER: D. Shay  
TITLE: INTERVENTIONAL PHOTONIC ENERGY EMITTER SYSTEM

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on this 30th day of September 1999.

A handwritten signature in black ink that reads "Olivia J. Mannion".

Olivia J. Mannion

Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are the following: Transmittal Form (1 page); Amendment After Final Action Under 37 C.F.R. § 1.116 including attachments (10 pages); and a mailroom postcard.

SONG1002/19.865264-1

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U.S. MAIL ROOM  
TC 3739



# TRANSMITTAL FORM

Application Serial Number	08/922,263
Filing Date	September 2, 1997
First Named Inventor	Crowley
Group Art Unit	3739
Examiner Name	D. Shay
Attorney Docket No.	BSC-011

## ENCLOSURES (check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul>   | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal Drawing(s)</li> </ul>                    | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <ul style="list-style-type: none"> <li><input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>)</li> </ul> |
| <input checked="" type="checkbox"/> Amendment/Response <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]</li> </ul> | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <ul style="list-style-type: none"> <li><input type="checkbox"/> To Convert to a Provisional Application</li> </ul> | <input type="checkbox"/> Status Letter <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Return Receipt Postcard</li> </ul>  |
| <input type="checkbox"/> Extension of Time Request   | <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)   | <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8   |
| <input type="checkbox"/> Information Disclosure Statement  | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> )   |
| <input type="checkbox"/> Form PTO-1449   | <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  |   |
| <input type="checkbox"/> Copies of IDS Citations   | <input type="checkbox"/> Small Entity Statement   |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)  | <input type="checkbox"/> Request for Refund   |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application  | <input type="checkbox"/> After Allowance Communication to Group   |   |

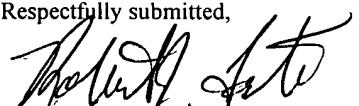
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PATENT  
BSC-011

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#14/A  
(N.E.)

**RESPONSE UNDER 37 C.F.R. §1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP NO. 3737**

Box AF  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. § 1.116**

This paper is submitted in response to the Final Office Action mailed from the Patent Office on June 30, 1999. Please make the following changes, and consider the following remarks.

**AMENDMENT**

**In the Claims:**

Please cancel claims 2 and 13, without prejudice.

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Please amend claim 1 as follows:

1. (Amended) An interventional device, comprising:  
a sonoluminescent light module for placement inside a body, the module comprising
  - (i) an acoustic transducer for generating sound waves;
  - (ii) a housing enclosing an acoustic conducting medium, the acoustic conducting medium positioned in a pathway of the sound waves generated by the acoustic transducer, at least a portion of the housing being optically transparent; and
  - (iii) a lens for focusing the sound waves generated by the acoustic transducer in the acoustic conducting medium to generate a sonoluminescent light.